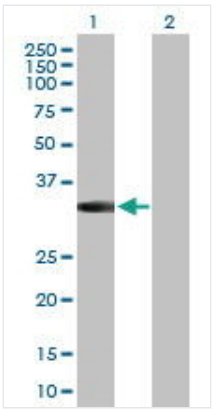
MPPED2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MPPED2, Polyclonal Antibody
Full Product Name	MPPED2 (Metallophosphoesterase MPPED2, Fetal Brain Protein 239, 239FB, Metallophosphoesterase Domain-containing Protein 2, C11orf8, FAM1B)
Product Gene Name	anti-MPPED2 antibody
Product Synonym Names	Anti -MPPED2 (Metallophosphoesterase MPPED2, Fetal Brain Protein 239, 239FB, Metallophosphoesterase Domain-containing Protein 2, C11orf8, FAM1B)
Immunogen Sequence	MAHGIPSQGK VTITVDEYSS NPTQAFTHYN INQSRFQPPH VHMVDPIPYD TPKPAGHTRF VCISDTHSRT DGIQMPYGDI LLHTGDFTEL GLPSEVKKFN DWLGNLPYEY KIVIAGNHEL TFDKEFMADL VKQDYYRFPS VSKLKPEDFD NVQSLLTNSI YLQDSEVTVK GFRIYGAPWT PWFNGWGFNL PRGQSLLDKW NLIPEGIDIL MTHGPPLGFR DWVPKELQRV GCVELLNTVQ RRVRPKLHVF GGIHEGYGIM TDGYTTYINA STCTVSFQPT NPPIIFDLPN PQGS
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human MPPED2.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	33,360 Da
Chromosome Location	Chromosome: 11; NC_000011.9 (30406040..30608260, complement). Location: 11p13
OMIM	600911
3D Structure	ModBase 3D Structure for Q15777
Immunogen	Full length human MPPED2, aa1-294 (NP_001575.1).
Product Categories/Family for anti-MPPED2 antibody	Antibodies; Abs to Proteins
Applications Tested/Suitable for anti-MPPED2 antibody	Western Blot (WB)
Application Notes for anti-MPPED2 antibody	Suitable for use in Western Blot.
Related Product Information for anti-MPPED2 antibody	MMPED2 (Metallophosphoesterase domain containing 2) displays low metallophosphoesterase activity (in vitro). It is predominantly expressed in the fetal brain and is thought to have a role in development of the nervous system. Alternatively spliced transcript variants have been described.
Other Notes	Small volumes of anti-MPPED2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for MPPED2 purchase	MBS645926 is an antibody targeting MPPED2. Also known as MPPED2 (Metallophosphoesterase MPPED2, Fetal Brain Protein 239, 239FB, Metallophosphoesterase Domain-containing Protein 2, C11orf8, FAM1B). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MPPED2 antibody
Western Blot analysis of MPPED2 expression in transfected 293T cell line by MPPED2 polyclonal antibody. Lane 1: MPPED2 transfected lysate (33.4kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MPPED2. It may not necessarily be applicable to this product.

NCBI GI #	223972683
NCBI GeneID	744
NCBI Accession #	NP_001138871.1
UniProt Primary Accession #	Q15777
UniProt Secondary Accession #	Q59GE6; D3DQZ5; E9PB10
UniProt Related Accession #	Q15777
GenBank Nucleotide #	NM_001145399.1
NCBI Official Full Name	metallophosphoesterase MPPED2 isoform 2
NCBI Official Synonym Full Names	metallophosphoesterase domain containing 2
NCBI Official Symbol	MPPED2
NCBI Official Synonym Symbols	239FB; C11orf8
UniProt Protein Name	Metallophosphoesterase MPPED2
UniProt Synonym Protein Names	Fetal brain protein 239; 239FB; Metallophosphoesterase domain-containing protein 2
Protein Family	Metallophosphoesterase
UniProt Gene Name	MPPED2
UniProt Synonym Gene Names	C11orf8; FAM1B; 239FB
UniProt Entry Name	MPPD2_HUMAN
NCBI Protein Information	metallophosphoesterase MPPED2; fetal brain protein 239; metallophosphoesterase domain-containing protein 2
NCBI Summary for MPPED2	This gene likely encodes a metallophosphoesterase. The encoded protein may play a role a brain development. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]

UniProt Comments for MPPED2	Function: Displays low metallophosphoesterase activity (in vitro). May play a role in the development of the nervous system By similarity. Cofactor: Manganese or cobalt By similarity. Subunit structure: Homodimer By similarity. Tissue specificity: Expressed predominantly in fetal brain. Sequence similarities: Belongs to the UPF0046 family. Sequence caution: The sequence BAD92400.1 differs from that shown. Reason: Erroneous initiation. Translation N-terminally shortened.
Research Articles on MPPED2	**1.** The overexpression of Mpped2 improves survival rate, substantially impairs tumor growth and induces neuronal differentiation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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